

Title (en)

Auxiliary drive device for a manual device for transporting a patient lying area

Title (de)

Hilfsantriebsvorrichtung für eine manuell zu bewegendende Einrichtung zum Transportieren einer Patientenlagerfläche

Title (fr)

Dispositif d'entraînement auxiliaire pour un dispositif manuel mobile destiné au transport d'un lit de patients

Publication

EP 2248500 B1 20140618 (DE)

Application

EP 10158823 A 20100331

Priority

DE 102009020395 A 20090508

Abstract (en)

[origin: EP2248500A2] The device (30) has a drive unit (32) with a motor (34) for rotating a wheel (36) that rolls a manually moving device (10), and a direct current voltage generator with a rotating element fixedly attached to a rotatable shaft, where the rotating element is attached to the wheel. The generator with the shaft forms a direction sensor for detecting a movement direction of the manually moving device. A drive electronics controls the motor for rotating the wheel in a rotation direction that corresponds to the movement direction detected by the sensor. An independent claim is also included for a manually movable device comprising two longitudinal bars attached to a wheel of an auxiliary drive device.

IPC 8 full level

A61G 7/08 (2006.01); **A61G 13/10** (2006.01)

CPC (source: EP)

A61G 7/08 (2013.01); **A61G 13/104** (2013.01); **A61G 2203/30** (2013.01); **A61G 2203/36** (2013.01)

Cited by

DE102014202024A1; KR20140060234A; CN107320278A; CN107334595A; US10864127B1; US10568792B2; US10905612B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2248500 A2 20101110; EP 2248500 A3 20120530; EP 2248500 B1 20140618; DE 102009020395 A1 20101118;
DE 102009020395 B4 20150521; PL 2248500 T3 20141128

DOCDB simple family (application)

EP 10158823 A 20100331; DE 102009020395 A 20090508; PL 10158823 T 20100331